

WHAT IS CLAIMED IS:

1. A portable communication device for communication via a connected telephone circuit, comprising:

5 communication destination party information memory means for storing communication destination party information including communication destination party identifying information of a communication destination party, subscriber number information of the communication destination party, and
10 country identifying information for identifying a country where the communication destination party is a subscriber of telephone service;

input/output means for displaying, in response to a user's operation, a list of the communication destination party
15 identifying information stored in the communication destination party information memory means;

calling processing means for dialing a call to a communication destination party selected from the list of the communication destination party identifying information
20 displayed by the input/output means; and

using country information recognizing means for recognizing a country where the portable communication device is connected to the telephone circuit;

wherein

25 the calling processing means automatically converts, upon necessary, the subscriber number information stored in the communication destination party information memory means into a

as
unc!

subscriber number suitable for a domestic or international call based on a result of comparison between the using country information recognized by the using country information recognizing means and the country identifying information of the communication destination party selected as a call destination, and dials a resultant subscriber number.

2. A portable communication device according to claim 1, wherein

10 the subscriber number information includes a subscriber number for a domestic call from a country where the communication destination party is a subscriber of the telephone service to the communication destination party in the country, and

15 the calling processing means automatically converts the subscriber number of the communication destination party, registered in the communication destination party information memory means, into a subscriber number suitable for an international call when the comparison between the using country information and the country identifying information results that they do not coincide with each other, and dials the resultant subscriber number, the subscriber number suitable for an international call including a country code of a country specified by the country identifying information of the communication destination party.

20

25

3. A portable communication device according to claim 1,

wherein

the subscriber number information includes information, at least a country code, which enables an international call from outside a country where the communication destination party is a subscriber of the telephone service to the communication destination party in the country

and

the calling processing means automatically converts the subscriber number of the communication destination party, registered in the communication destination party information memory means, into a subscriber number suitable for a domestic call to the communication destination party by deleting at least the country code therefrom when the comparison between the using country information and the country identifying information results that they coincide with each other, and dials the resultant subscriber number.

4. A portable communication device for communication via a connected telephone circuit, comprising:

communication destination party information memory means for storing communication destination party information including communication destination party identifying information of a communication destination party, subscriber number information of the communication destination party, and country identifying information for identifying a country where the communication destination party is a subscriber of a telephone service;

input/output means for displaying, in response to a user's operation, a list of the communication destination party identifying information stored in the communication destination party information memory means;

5 calling processing means for dialing a call to a communication destination party selected from the list of the communication destination party identifying information displayed by the input/output means; and

using country information recognizing means for recognizing
10 a country where the portable communication device is connected to the telephone circuit;

wherein

when making a call, the calling processing means is able to change a selected subscriber number information, based on
15 judgement that the subscriber number information of the communication destination party, stored in the communication destination party information memory means, is not usable for dialing a call, the judgement being based on comparison between the using country information recognized by the using country
20 information recognizing means and the country identifying information of the communication destination party selected as a called party.

5. A portable communication device according to claim 4,
wherein

the calling processing means automatically places the selected subscriber number information in an edit mode when the

using country information does not coincide with the country identifying information.

6. A portable communication device according to claim 4,
5 further comprising

33
a temporary number memory means for temporarily storing a temporary number and using country information when the calling processing means calls the communication destination party selected, by dialing the temporary number, the temporary number
10 being formed by editing the subscriber number information,

wherein

the calling processing means calls the communication destination party by dialing the temporary number temporarily stored, when the using country information recognized by the
15 using country information recognizing means coincides with the using country information of the communication destination party stored in the temporary number memory means.

7. A portable communication device according to claim 6,
20 wherein

information of the communication destination party, stored in the temporary number memory means, is erased when the using country information recognized by the using country information recognizing means does not coincide with the using country
25 information of the communication destination party, stored in the temporary number memory means.

8. A portable communication device for communication with a communication destination party via a base station through a connected telephone circuit, comprising:

communication destination party information memory means
5 for storing communication destination party information including communication destination party identifying information of a communication destination party, subscriber number information of the communication destination party, and country identifying information for identifying a country where
10 the communication destination party is a subscriber of a telephone service;

input/output means for displaying, in response to a user's operation, a list of the communication destination party identifying information stored in the communication destination
15 party information memory means;

using country information recognizing means for obtaining, from information sent from the base station, using country information of a country where the portable communication device is connected to the telephone circuit;

20 calling processing means for specifying a subscriber number when a call is made to a communication destination party selected as a called party from a list of communication destination party identifying information displayed by the input/output means, based on a comparison between the using
25 country information recognized by the using country information recognizing means and the country identifying information of the communication destination party selected as a called party.

9. A portable communication device according to claim 8,
wherein

the communication destination party information memory
5 means stores, in place of the communication destination party
information, at least one information, including a pair, for
every communication destination party, constituting of using
country information and subscriber number information to be
referred to when making a call from the using country to the
10 communication destination party, and

the calling processing means places a call based on
subscriber number information designated in communication
destination party information including using country
information coincident with using country information recognized
15 by the using country information recognizing means.

10. A portable communication device for communication with a
communication destination party via a base station through a
connected telephone circuit, comprising:

20 communication destination party information memory means
for storing communication destination party information
including communication destination party identifying
information of a communication destination party, subscriber
number information of the communication destination party, and
25 country identifying information for identifying a country where
the communication destination party is a subscriber of a
telephone service;

input/output means for displaying, in response to a user's operation, a list of the communication destination party identifying information stored in the communication destination party information memory means; and

5 calling processing means for dialing a call to a communication destination party selected from the list of the communication destination party identifying information displayed by the input/output means;

wherein

10 the calling processing means adds country identifying information of the communication destination party selected as a called party to the subscriber number information of the selected communication destination party and sends to the base station when making a call.

15 11. A portable communication device according to claim 1, wherein the communication destination party information memory means is provided detachably.

20 12. A portable communication device according to claim 8, carrying out radio communication using a circuit fixedly connected to circuits of the country to which the circuit was initially connected at a time of making a call.

25 13. A portable communication device for radio communication according to claim 1, comprising:

a communication module for connecting to a telephone

circuit; and

a communication device main body for communication via the communication module;

wherein

5 the communication module comprises an antenna,
transmitter/receiver means for transmitting and receiving a
message via the antenna, and radio communication control means
for controlling radio communication according to a predetermined
communication format.

10

14. A portable communication device according to claim 13, in
the form of a portable telephone device.

15

15. A portable communication device according to claim 14,
wherein the communication module is formed detachable with
respect to the communication device main body.

20

16. A portable communication device according to claim 15,
wherein
the communication module has a part abutting on the
communication device main body, the part having a different
shape for every country; and

25

the using country information recognizing means specifies
using country information of the communication module connected
thereto by detecting a shape of the part abutting on the
communication device main body, of the communication module.

17. A portable communication device according to claim 1,
comprising:

a communication module for connecting to a telephone
circuit; and

5 a communication device main body for communication via the
communication module;

wherein

the communication module has using country information
replying means for replying using country information in
10 response to an inquiry from the calling processing means.

18. A portable communication device according to claim 1,
further comprising communication destination party information
registration means for generating communication destination
15 party information based on information concerning a
communication destination party input via the input/output means,
a subscriber number of the communication destination party, and
a country where the communication destination party is a
subscriber of the telephone service, and for registering the
20 communication destination party information to the communication
destination party memory means.

19. A portable communication device according to claim 1,
wherein the communication destination party information memory
25 means has a country registration area provided thereto in
advance for every country identifying information so that
communication destination party identifying information and a

subscriber number are stored in the country registration area of a corresponding country.

20. A portable communication device according to claim 4, wherein the communication destination party information memory means is provided detachably.

21. A portable communication device according to claim 8, wherein the communication destination party information memory means is provided detachably.

22. A portable communication device according to claim 10, wherein the communication destination party information memory means is provided detachably.

23. An automatic calling method employed in a portable communication device for communication via a connected telephone circuit, comprising:

a communication destination party candidate displaying step of extracting communication destination party identifying information from communication destination party information memory means and displaying a list thereof, said memory means stores the communication destination party information including communication destination party identifying information of a communication destination party, subscriber number information of the communication destination party, and country identifying information for identifying a country where the communication

destination party is a subscriber of telephone service;

5 a comparison step of comparing country identifying
information corresponding to a communication destination party
selected from the list of communication destination party
identifying information displayed at the communication
destination party candidate displaying step, and using country
information specifying a country where the portable
communication device is connected to the telephone circuit; and

10 a calling step of automatically converting, upon necessity,
the subscriber number information of the communication
destination party selected, into a subscriber number suitable
for a domestic or international call based on a result of
comparison made at the comparison step, and making a call.

15 24. An automatic calling method employed in a portable
communication device for communication via a connected telephone
circuit, comprising:

20 a communication destination party candidate displaying step
of extracting communication destination party identifying
information from communication destination party information
memory means to display a list thereof, said memory means stores
the communication destination party information including
communication destination party identifying information of a
communication destination party, subscriber number information
25 of the communication destination party, and country identifying
information for identifying a country where the communication
destination party is a subscriber of telephone service;

a3
cnci
5
a comparison step of comparing country identifying information corresponding to a communication destination party selected from the list of communication destination party identifying information displayed at the communication destination party candidate displaying step, and using country information specifying a country where the portable communication device is connected to the telephone circuit; and

10 a calling step of displaying, for editing, the subscriber number information when a judgement is made based on a result of comparison made at the comparison step, that the subscriber number information of the communication destination party, stored in the communication destination party information memory means, is not usable intact for dialing a call, and making a call using a resultant subscriber number edited.

15 add
act